



**PATENT**

Application # 10/042,165

Attorney Docket # 2000-0672B (1014-201)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Lin, Wei  
Application # : 10/042,165  
Confirmation # : 5991  
Filed : 11 January 2002  
Application Title : Enhanced Channel Access Mechanisms for an HPNA Network  
Art Unit # : 2152  
Latest Examiner : Not yet assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Mail Stop Amendment  
Commissioner for Patents  
United States Patent and Trademark Office (USPTO)  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the USPTO is hereby directed to the attached listing of documents and/or the attached Declaration. Unless otherwise indicated herein, one copy of each listed document is attached.

It is respectfully requested that the listed documents:

- (1) be expressly considered during the prosecution of this application;
- (2) be made of record therein; and
- (3) appear among the "References Cited" on any patent to issue therefrom.

The following marked paragraphs are applicable in this IDS.

**Timing of this IDS:**

- ☒ **A.** This IDS is being filed per 37 CFR 1.97(b)
- ☐ (1): within 3 months of the U.S. filing date other than a CPA under 1.53(d);
- ☐ (2): within 3 months of the date of entry of the national stage as set forth in 1.491 in an international application;
- ☒ (3): before the mailing date of a first Office Action on the merits; **OR**
- ☐ (4): before the mailing date of a first Office Action associated with a request for continued examination (RCE) under 1.114;

**AND**, thus, no certification or fee is required.

- ☐ **B.** This IDS is being filed per 37 CFR 1.97(c), **AFTER** the period specified in 37 CFR 1.97(b) [section **A** of this IDS], and **BEFORE**:
- (a) the mailing date of any Final Action under 1.113,
- (b) a Notice of Allowance under 1.311, **OR**
- (c) an action that otherwise closes prosecution,

**AND**, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS ; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

**AND**, per 37 CFR 1.97(c), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

- ☐ C. This IDS is being filed per 37 CFR 1.97(d), AFTER the period specified in 37 CFR 1.97(c) [section **B** of this IDS], and ON or BEFORE the payment of the Issue Fee;

**AND**, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

**AND**, per 37 CFR 1.97(d), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

**Legible Copies of Listed References:**

- ☒ D. In addition to the attached listing, accompanying this IDS is a legible copy of each listed:
- (1) foreign patent document;
  - (2) pending unpublished U.S. application OR that portion of the application that caused it to be listed including any claims directed to that portion; **AND**
  - (3) non-patent document or that portion thereof that caused it to be listed;
  - (4) other information or that portion that caused it to be listed.
- ☐ E. Consistent with 37 CFR 1.98(d), because the IDS submitted in parent U.S. Patent Application No. \_\_\_\_\_, to which this application claims priority per 35 U.S.C. 120, complies with 37 CFR 1.98(a) to (c), copies of the patent documents, non-patent

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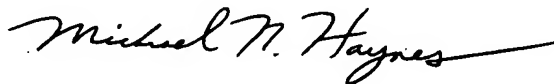
documents, pending U.S. application, and other information submitted in that parent application do not accompany this IDS.

**CONCLUSION**

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

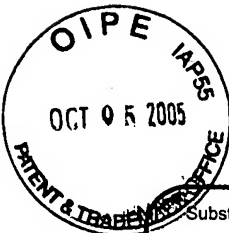
Michael Haynes PLC

A handwritten signature in black ink that reads "Michael N. Haynes". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Date: 5 October 2005

Michael N. Haynes  
Registration No. 40,014

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Keswick, VA 22947  
Telephone: 434-972-9988  
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Approved for use through 10/31/2002. OMB 0651-0031  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 10/042,165            |
| Filing Date            | 11 January 2002       |
| First Named Inventor   | Lin, Wei              |
| Group Art Unit         | 2152                  |
| Examiner Name          | Not yet assigned      |
| Attorney Docket Number | 2000-0672B (1014-201) |

**U.S. PATENT DOCUMENTS**

| Examiner Initials | Patent No. | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
|-------------------|------------|---|---------------------------------------|
|                   | 6,788,950  | Raissinia.                                      | 7 September 2004                      |
|                   | 6,785,252  | Zimmerman                                       | 31 August 2004                        |
|                   | 6,765,872  | Tazaki  | 20 July 2004                          |
|                   | 6,754,176  | Gubbi.  | 22 June 2004                          |
|                   | 6,747,968  | Seppala   | 8 June 2004                           |
|                   | 6,741,576  | Alimi.  | 25 May 2004                           |
|                   | 6,738,361  | Immonen.  | 18 May 2004                           |
|                   | 6,728,365  | Li.   | 27 April 2004                         |
|                   | 6,704,932  | Matsunaga                                       | 9 March 2004                          |
|                   | 6,704,321  | Kamiya  | 9 March 2004                          |
|                   | 6,640,248  | Jorgensen                                       | 28 October 2003                       |
|                   | 6,628,629  | Jorgenson                                       | 30 September 2003                     |
|                   | 6,625,156  | Shaio   | 23 September 2003                     |
|                   | 6,600,744  | Carr  | 29 July 2003                          |
|                   | 6,597,682  | Kari  | 22 July 2003                          |
|                   | 6,587,453  | Romans.   | 1 July 2003                           |
|                   | 6,567,416  | Chuah   | 20 May 2003                           |
|                   | 6,567,408  | Li  | 20 May 2003                           |
|                   | 6,563,793  | Golden  | 13 May 2003                           |
|                   | 6,538,989  | Carter  | 25 March 2003                         |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 3

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| Examiner Name          | Not yet assigned      |
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| Examiner Initials | Patent No. | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
|-------------------|------------|---|---------------------------------------|
|                   | 6,452,915  | Jorgensen                                       | 17 September 2002                     |
|                   | 6,411,611  | van der Tuijn                                   | 25 June 2002                          |
|                   | 6,377,548  | Chuah   | 23 April 2002                         |
|                   | 6,366,577  | Donovan   | 2 April 2002                          |
|                   | 6,317,438  | Trebes, Jr.                                     | 13 November 2001                      |
|                   | 6,262,976  | McNamara  | 17 July 2001                          |
|                   | 6,119,214  | Dirks   | 12 September 2000                     |
|                   | 6,115,390  | Chuah   | 5 September 2000                      |
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|                   | 5,949,768  | Citta   | 7 September 1999                      |
|                   | 5,717,688  | Belanger  | 10 February 1998                      |
|                   | 5,638,371  | Raychaudhuri                                    | 10 June 1997                          |
|                   | 5,623,495  | Eng   | 22 April 1997                         |

**FOREIGN PATENT DOCUMENTS**

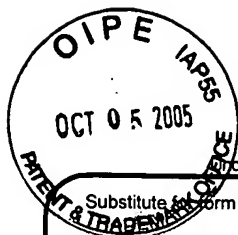
| Examiner Initials | Patent No.  | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document |
|-------------------|-------------|---|---------------------------------------|
|                   | JP02072736A | Kurokawa  | 13 March 1990                         |
|                   |             |   |                                       |
|                   |             |   |                                       |

Examiner  
SignatureDate  
Considered

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Sheet 3 of 3

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|----------------------|------------|--|--|
|                      |            |  |  |
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|                      |            |  |  |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate),<br>title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s),<br>volume-issue number(s), publisher, city and/or country where published. |
|----------------------|---|
|                      | Cali et al. "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," IEEE, 0-7803-4386-7/98, pages 1-8, 1998.  |
|                      | Deng et al. "A Priority Scheme for IEEE 802.11 DCF Access Method," IEICI Trans. Comm., Vol. E82-B, No. 1, pp. 96-102, January 1999.   |
|                      | Zhijun, Gong, et al. "QoS guaranteed Wireless LAN—Wireless access to ATM", International Conference on Communication Technology, ICCT'98, October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5.   |
|                      | R. Yavatkar et al., "SBM (Subnet Bandwidth Manager): A Protocol for RSVP-Based Admission Control Over IEEE 802-Style Networks", www.ietf.org, May 2000, pages 1-60, RFC 2814, Internet Engineering Task Force.  |
|                      | R. Braden et al., "Resource Reservation Protocol (RSVP)", www.ietf.org, September 1997, pages 1-112, RFC 2205, ver. 1, Internet Engineering Task Force.   |
|                      |   |

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

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